

4/8/05

EAST SEARCH
NOTES 09/744,622

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	802	(theobromine and caffeine and theophylline)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:38
L2	31	1 and thermogen\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:39
L3	1320	henley\$.xp.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:42
L4	3	2 and 3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:41
L5	273	henley\$.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:42
L6	2	5 and thermogen\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:42
L7	1	"5192740".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:44
L8	308	1 and (metabolism metabolic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:44
L9	0	7 and (metabolism metabolic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:44

SEARCH NOTES

Connecting via Winsock to STN

09/744, b22

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4/8/05

LOGINID:ssspalar1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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* * * * * * * * * STN Columbus * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005

=> file registry	SINCE FILE ENTRY	TOTAL SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 7 APR 2005 HIGHEST RN 848122-48-5
DICTIONARY FILE UPDATES: 7 APR 2005 HIGHEST RN 848122-48-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> e 2,4-dinitrophenol/cn
E1      1  2,4-DINITROPHENANTHROLINEQUINONE/CN
E2      1  2,4-DINITROPHENETOLE/CN
E3      1 --> 2,4-DINITROPHENOL/CN
E4      1  2,4-DINITROPHENOL 3-REDUCTASE/CN
E5      1  2,4-DINITROPHENOL 5-REDUCTASE/CN
E6      1  2,4-DINITROPHENOL AMMONIUM SALT/CN
E7      1  2,4-DINITROPHENOL ANION/CN
E8      1  2,4-DINITROPHENOL ANION RADICAL/CN
E9      1  2,4-DINITROPHENOL CESIUM SALT/CN
E10     1  2,4-DINITROPHENOL CINNAMATE/CN
E11     1  2,4-DINITROPHENOL LITHIUM SALT/CN
E12     1  2,4-DINITROPHENOL N,N-DIMETHYLBENZYLAMINE SALT/CN
```

```
=> s e3
L1      1 "2,4-DINITROPHENOL"/CN
```

```
=> e glucagon/cn
E1      1  GLUCAFERM/CN
E2      1  GLUCAGEL/CN
E3      1 --> GLUCAGON/CN
E4      1  GLUCAGON (AMIA CALVA) /CN
E5      1  GLUCAGON (AMPHIUMA TRIDACTYLYM) /CN
E6      1  GLUCAGON (CANIS FAMILIARIS STOMACH) /CN
E7      1  GLUCAGON (CARASSIUS AURATUS) /CN
E8      1  GLUCAGON (CHICKEN) /CN
E9      1  GLUCAGON (CHINCHILLA) /CN
E10     1  GLUCAGON (DANIO RERIO) /CN
E11     1  GLUCAGON (DIDELPHIS VIRGINIANA) /CN
E12     1  GLUCAGON (DOG PANCREAS) /CN
```

```
=> s e3
L2      1 GLUCAGON/CN
```

=> file caplus			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
FULL ESTIMATED COST	ENTRY	SESSION	
	9.63	9.84	

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005
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FILE COVERS 1907 - 8 Apr 2005 VOL 142 ISS 16
 FILE LAST UPDATED: 7 Apr 2005 (20050407/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11
 L3 8120 L1

=> s 12
 L4 16255 L2

=> s hyperthermia? or (intracellular induced hyperthermia?) or pyrogen? or (fever therap?) or (local hyperthermia?) or (therapeutic hyperthermia?) or thermotherap? or (induced hyperthermia?)

12663 HYPERTHERMIA?
 220910 INTRACELLULAR
 2 INTRACELLULARS
 220910 INTRACELLULAR
 (INTRACELLULAR OR INTRACELLULARS)

1423704 INDUCED
 13 INDUCEDS
 1423709 INDUCED
 (INDUCED OR INDUCEDS)

12663 HYPERTHERMIA?
 0 INTRACELLULAR INDUCED HYPERTHERMIA?
 (INTRACELLULAR(W) INDUCED(W) HYPERTHERMIA?)

8884 PYROGEN?

25816 FEVER

630 FEVERS

26002 FEVER

(FEVER OR FEVERS)

410201 THERAP?
 125 FEVER THERAP?
 (FEVER(W) THERAP?)

315364 LOCAL

40 LOCALS

315397 LOCAL

(LOCAL OR LOCALS)

12663 HYPERTHERMIA?

226 LOCAL HYPERTHERMIA?

(LOCAL(W) HYPERHERMIA?)
178220 THERAPEUTIC
18723 THERAPEUTICS
192292 THERAPEUTIC
(THERAPEUTIC OR THERAPEUTICS)
12663 HYPERHERMIA?
80 THERAPEUTIC HYPERHERMIA?
(THERAPEUTIC(W) HYPERHERMIA?)
151 THERMOTHERAP?
1423704 INDUCED
13 INDUCEDS
1423709 INDUCED
(INDUCED OR INDUCEDS)
12663 HYPERHERMIA?
845 INDUCED HYPERHERMIA?
(INDUCED(W) HYPERHERMIA?)
L5 20904 HYPERHERMIA? OR (INTRACELLULAR INDUCED HYPERHERMIA?) OR PYROGEN? OR (FEVER THERAP?) OR (LOCAL HYPERHERMIA?) OR (THERAPEUTIC HYPERHERMIA?) OR THERMOTHERAP? OR (INDUCED HYPERHERMIA?)
=> s cancer or neoplas? or malignan? or tumor? or carcinoma? or "non-hodgkin's lymphoma" or (prostate cancer?) or (prostate carcinoma?) or (glioblastoma multiforme?) or "kaposi's sarcoma"
242159 CANCER
34815 CANCERS
251455 CANCER
(CANCER OR CANCERS)
404239 NEOPLAS?
70614 MALIGNAN?
386257 TUMOR?
134654 CARCINOMA?
711903 "NON"
33 "NONS"
711929 "NON"
("NON" OR "NONS")
520 "HODGKINS"
30302 "LYMPHOMA"
7386 "LYMPHOMAS"
32092 "LYMPHOMA"
(LYMPHOMA OR LYMPHOMAS)
149 "NON-HODGKIN'S LYMPHOMA"
("NON"(W) "HODGKINS"(W) "LYMPHOMA")
40361 PROSTATE
1248 PROSTATES
40468 PROSTATE
(PROSTATE OR PROSTATES)
254827 CANCER?
13656 PROSTATE CANCER?
(PROSTATE(W) CANCER?)
40361 PROSTATE
1248 PROSTATES
40468 PROSTATE
(PROSTATE OR PROSTATES)
134654 CARCINOMA?
2912 PROSTATE CARCINOMA?
(PROSTATE(W) CARCINOMA?)
5250 GLIOBLASTOMA
1138 GLIOBLASTOMAS
5540 GLIOBLASTOMA
(GLIOBLASTOMA OR GLIOBLASTOMAS)
1423 MULTIFORME?
1119 GLIOBLASTOMA MULTIFORME?
(GLIOBLASTOMA(W) MULTIFORME?)
130 "KAPOSIS"

34393 "SARCOMA"
3951 "SARCOMAS"
100 "SARCOMATA"
35981 "SARCOMA"
 ("SARCOMA" OR "SARCOMAS" OR "SARCOMATA")
127 "KAPOSI'S SARCOMA"
 ("KAPOSIS" (W) "SARCOMA")
L6 667028 CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "NON-HODGKIN'S LYMPHOMA" OR (PROSTATE CANCER?) OR (PROSTATE CARCINOMA?) OR (GLIOBLASTOMA MULTIFORME?) OR "KAPOSI'S SARCOMA"

=> s infecti? or "HIV" or (human immunodeficiency virus?) or virus? or (borrelia (W) burgdorferi?) or (mycobacterium (W) leprae?) or (treponema (W) pallidum?) or "hepatitis C" or hepatitis? or herpes? or papillomavirus? or candida? or "sporothrix schenkii" or histoplasma? or bacteria?
292085 INFECTI?
59683 "HIV"
89 "HIVS"
59697 "HIV"
 ("HIV" OR "HIVS")
1407636 HUMAN
325174 HUMANS
1570530 HUMAN
 (HUMAN OR HUMANS)
61149 IMMUNODEFICIENCY
614 IMMUNODEFICIENCIES
61364 IMMUNODEFICIENCY
 (IMMUNODEFICIENCY OR IMMUNODEFICIENCIES)
333640 VIRUS?
44017 HUMAN IMMUNODEFICIENCY VIRUS?
 (HUMAN (W) IMMUNODEFICIENCY (W) VIRUS?)
333640 VIRUS?
2843 BORRELIA
19 BORRELIAS
2843 BORRELIA
 (BORRELIA OR BORRELIAS)
2323 BURGDORFERI?
2288 BORRELIA (W) BURGDORFERI?
32048 MYCOBACTERIUM
4 MYCOBACTERIUMS
7023 MYCOBACTERIA
1 MYCOBACTERIAS
33097 MYCOBACTERIUM
 (MYCOBACTERIUM OR MYCOBACTERIUMS OR MYCOBACTERIA OR MYCOBACTERIAS)
2258 LEPRAE?
2071 MYCOBACTERIUM (W) LEPRAE?
2298 TREPONEMA
29 TREPONEMAS
18 TREPONEMATA
2311 TREPONEMA
 (TREPONEMA OR TREPONEMAS OR TREPONEMATA)
2353 PALLIDUM?
1336 TREPONEMA (W) PALLIDUM?
46778 "HEPATITIS"
3288862 "C"
13210 "HEPATITIS C"
 ("HEPATITIS" (W) "C")
46778 HEPATITIS?
36153 HERPES?
8370 PAPILLOMAVIRUS?
120802 CANDIDA?
405 "SPOROTHRIX"
45 "SCHENKII"

12 "SPOROTHRIX SCHENKII"
("SPOROTHRIX"(W) "SCHENKII")
1145 HISTOPLASMA?
431403 BACTERIA?
L7 996078 INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS?
OR (BORRELIA (W) BURGDORFERI?) OR (MYCOBACTERIUM (W) LEPRAE?)
OR (TREPONEMA (W) PALLIDUM?) OR "HEPATITIS C" OR HEPATITIS? OR
HERPES? OR PAPILLOMAVIRUS? OR CANDIDA? OR "SPOROTHRIX SCHENKII"
OR HISTOPLASMA? OR BACTERIA?

=> s infestation? or parasite? or fungi? or (fungal (W) infecti?) or
paracoccidioides? or aspergillus? or leishmania? or malaria? or acanthamoeba? or
cestodes?

13934 INFESTATION?
36661 PARASITE?
155195 FUNGI?
45369 FUNGAL
8 FUNGALS
45373 FUNGAL
(FUNGAL OR FUNGALS)
292085 INFECTI?
3622 FUNGAL (W) INFECTI?
16 PARACOCCIDIODES?
46108 ASPERGILLUS?
7845 LEISHMANIA?
16481 MALARIA?
5 ACANTHOMOEBA?
509 CESTODES?
L8 248590 INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?) OR
PARACOCCIDIODES? OR ASPERGILLUS? OR LEISHMANIA? OR MALARIA? OR
ACANTHOMOEBA? OR CESTODES?

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN

L1 1 S E3
E GLUCAGON/CN
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005
L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERHERMIA? OR (INTRACELLULAR INDUCED HYPERHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

=> s 13 and 14

L9 11 L3 AND L4

=> s 19 and 15

L10 1 L9 AND L5

=> d 110

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:98300 CAPLUS
DN 132:132356
TI Chemically induced intracellular hyperthermia for therapeutic
and diagnostic use
IN Bachynsky, Nicholas; Roy, Woodie

PA Texas Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006143	A1	20000210	WO 1999-US16940	19990727
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2337690	AA	20000210	CA 1999-2337690	19990727
	AU 9951318	A1	20000221	AU 1999-51318	19990727
	AU 750313	B2	20020718		
	EP 1098641	A1	20010516	EP 1999-935949	19990727
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1998-94286P	P	19980727		
	WO 1999-US16940	W	19990727		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file medline biosis capplus embase wpids

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	125.12	134.96

FILE 'MEDLINE' ENTERED AT 09:09:26 ON 08 APR 2005

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FILE 'WPIDS' ENTERED AT 09:09:26 ON 08 APR 2005
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=> s "2,4-dinitrophenol" or dinitrophenol? or "2,4-DNP" or "DNP" or
"2,4-dinitrophenol (NM)"
L11 51618 "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" OR
"2,4-DINITROPHENOL (NM)"

=> s glucagon? or glukagon? or "HG-Factor" or (hyperglycemic (W) glycogenolytic (W)
factor?) or pancreatic hormone?
L12 111977 GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W)
GLYCOGENOLYTIC (W) FACTOR?) OR PANCREATIC HORMONE?

=> s hyperthermia? or (intracellular induced hyperthermia?) or pyrogen? or (fever
therap?) or (local hyperthermia?) or (therapeutic hyperthermia?) or thermotherap?
or (induced hyperthermia?)

4 FILES SEARCHED...

L13 93547 HYPERHERMIA? OR (INTRACELLULAR INDUCED HYPERHERMIA?) OR PYROGEN? OR (FEVER THERAPY?) OR (LOCAL HYPERHERMIA?) OR (THERAPEUTIC HYPERHERMIA?) OR THERMOTHERAPY? OR (INDUCED HYPERHERMIA?)

=> s cancer or neoplas? or malignan? or tumor? or carcinoma? or "non-hodgkin's lymphoma" or (prostate cancer?) or (prostate carcinoma?) or (glioblastoma multiforme?) or "kaposi's sarcoma"

2 FILES SEARCHED...

4 FILES SEARCHED...

L14 5243241 CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "NON-HODGKIN'S LYMPHOMA" OR (PROSTATE CANCER?) OR (PROSTATE CARCINOMA?) OR (GLIOBLASTOMA MULTIFORME?) OR "KAPOSI'S SARCOMA"

=> s infecti? or "HIV" or (human immunodeficiency virus?) or virus? or (borrelia (W) burgdorferi?) or (mycobacterium (W) leprae?) or (treponema (W) pallidum?) or "hepatitis C" or hepatitis? or herpes? or papillomavirus? or candida? or "sporothrix schenckii" or histoplasma? or bacteria?

2 FILES SEARCHED...

4 FILES SEARCHED...

L15 6487323 INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS? OR (BORRELIA (W) BURGDORFERI?) OR (MYCOBACTERIUM (W) LEPRAE?) OR (TREPONEMA (W) PALLIDUM?) OR "HEPATITIS C" OR HEPATITIS? OR HERPES? OR PAPILLOMAVIRUS? OR CANDIDA? OR "SPOROTHRIX SCHENKII" OR HISTOPLASMA? OR BACTERIA?

=> s infestation? or parasite? or fungi? or (fungal (W) infecti?) or paracoccidioides? or aspergillus? or leishmania? or malaria? or acanthamoeba? or cestodes?

L16 1319549 INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?) OR PARACOCCIDIODES? OR ASPERGILLUS? OR LEISHMANIA? OR MALARIA? OR ACANTHOMOEBA? OR CESTODES?

=> s (uncoupler?) or (uncoupling agent?) or (mitochondrial (W) uncoupling (W) agent?)

L17 18574 (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNCOUPLING (W) AGENT?)

=> s l17 or l11

L18 66733 L17 OR L11

=> s l18 and (l14 or l15 or l16)

2 FILES SEARCHED...

4 FILES SEARCHED...

L19 10670 L18 AND (L14 OR L15 OR L16)

=> s l19 and l13

L20 120 L19 AND L13

=> s 120 and 112

L21 2 L20 AND L12

=> d 121 1-2 ibib ed abs

L21 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:98300 CAPLUS
DOCUMENT NUMBER: 132:132356
TITLE: Chemically induced intracellular hyperthermia for therapeutic and diagnostic use
INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie
PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy**, and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial**, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia**-inducible immunogenic determinants by using **mitochondrial uncoupling agents**, especially **2,4-dinitrophenol**, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 2 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN

ACCESSION NUMBER: 2000-195173 [17] WPIDS

DOC. NO. CPI: C2000-060474

TITLE: Induction of intracellular **hyperthermia** by administration of **mitochondrial uncoupling agent** and second medication, useful e.g. to diagnose and treat **cancer**, acquired immunodeficiency syndrome (AIDS), **bacterial**, fungal and viral pathogens.

DERWENT CLASS: B05

INVENTOR(S): BACHYNSKY, N; ROY, W

PATENT ASSIGNEE(S): (TEXA-N) TEXAS PHARM INC; (SJUD-N) ST JUDE PHARM INC

COUNTRY COUNT: 87

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000006143	A1	20000210 (200017)*	EN 149		
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
AU 9951318	A	20000221 (200029)			

EP 1098641 A1 20010516 (200128) EN
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI
 AU 750313 B 20020718 (200258)
 MX 2001001053 A1 20030401 (200415)
 AU 2002301502 A1 20030306 (200433)#

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000006143	A1	WO 1999-US16940	19990727
AU 9951318	A	AU 1999-51318	19990727
EP 1098641	A1	EP 1999-935949	19990727
		WO 1999-US16940	19990727
AU 750313	B	AU 1999-51318	19990727
MX 2001001053	A1	WO 1999-US16940	19990727
		MX 2001-1053	20010129
AU 2002301502	A1 Div ex	AU 1999-51318	19990727
		AU 2002-301502	20021021

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9951318	A Based on	WO 2000006143
EP 1098641	A1 Based on	WO 2000006143
AU 750313	B Previous Publ. Based on	AU 9951318 WO 2000006143
MX 2001001053	A1 Based on	WO 2000006143

PRIORITY APPLN. INFO: US 1998-94286P 19980727; AU
2002-301502 20021021

ED 20000405

AN 2000-195173 [17] WPIDS

AB WO 200006143 A UPAB: 20010829

NOVELTY - Induction of intracellular **hyperthermia** comprises administration of a **mitochondrial uncoupling agent**.

DETAILED DESCRIPTION - Induction of intracellular **hyperthermia** comprises administration of a **mitochondrial uncoupling agent** especially 2,4-dinitrophenol and its conjugates.

An INDEPENDENT CLAIM is made for administration of the **mitochondrial uncoupling agent** in combination with a second medication which increases the overall metabolic rate of the animal, the metabolic rate of a specific target tissue in the animal or an increase in free radical flux.

USE - The compositions chemically induce intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of infections, malignancy and other medical conditions. The compositions are especially useful for the diagnosis or killing of **cancer** cells and inactivation of susceptible bacterial, parasitic, fungal and viral pathogens by chemically generating heat, free radical and **hyperthermia**-inducible immunogenic determinants. The compositions are especially used to treat **cancer** and acquired immunodeficiency syndrome (AIDS).

Dwg.0/31

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

E 2,4-DINITROPHENOL/CN

L1 1 S E3

E GLUCAGON/CN

L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1

L4 16255 S L2

L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR

L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N

L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS

L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

L9 11 S L3 AND L4

L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08 APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O

L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G

L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR

L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N

L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS

L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC

L18 66733 S L17 OR L11

L19 10670 S L18 AND (L14 OR L15 OR L16)

L20 120 S L19 AND L13

L21 2 S L20 AND L12

=> dup rem 120

PROCESSING COMPLETED FOR L20

L22 87 DUP REM L20 (33 DUPLICATES REMOVED)

ANSWERS '1-32' FROM FILE MEDLINE

ANSWERS '33-37' FROM FILE BIOSIS

ANSWERS '38-70' FROM FILE CAPLUS

ANSWERS '71-87' FROM FILE EMBASE

=> s 122 and (arbutamine? or dobutamine? or vasopressin? or glutamine? or proline? or octanoate? or methylene blue? or tetramethylthionine? or ubiquinone? or mendione? or hematoporphyrin? or hematoprophyrin? or linoleic acid? or "alpha-linolenic acid" or "gamma-linolenic acid" or arachidonic acid?

PREVIOUS MSG TOO LONG

sssavefdksend

L23 0 SSSAVEFDKSEND

=> s arbutamine? or dobutamine? or vasopressin? or glutamine? or proline? or octanoate? or methylene blue? or tetramethylthionine? or ubiquinone? or mendione? or hematoporphyrin? or hematoprophyrin? or linoleic acid?

L24 591960 ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR PROLINE? OR OCTANOATE? OR METHYLENE BLUE? OR TETRAMETHYLTHIONINE ? OR UBIQUINONE? OR MENDIONE? OR HEMATOPORPHYRIN? OR HEMATOPROPH YRIN? OR LINOLEIC ACID?

=> s "alpha-linolenic acid" or "gamma-linolenic acid" or arachidonic acid? or eicosapentaenoic acid? or docosahexaenoic acid? or docosahexenoic acid? or oleic acid? or erucic acid? or phenazine methosulfate? or "2,6-dichlorophenolindophenol"

2 FILES SEARCHED...

4 FILES SEARCHED...

L25 261265 "ALPHA-LINOlenic ACID" OR "GAMMA-LINOlenic ACID" OR ARACHIDONIC ACID? OR EICOSAPENTAENOIC ACID? OR DOCOSAHEXAENOIC ACID? OR DOCOSAHEXENOIC ACID? OR OLEIC ACID? OR ERUCIC ACID? OR PHENAZINE METHOSULFATE? OR "2,6-DICHLOROPHENOLINDOPHENOL"

=> s "coenzyme Q1" or "CoQ2" or duroquinone? or decylubiquinone?
L26 1925 "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?

=> s 124 or 125 or 126
L27 812463 L24 OR L25 OR L26

=> s 122 and 127
L28 2 L22 AND L27

=> d 128 1-2 ibib ed abs

L28 ANSWER 1 OF 2 MEDLINE on STN
ACCESSION NUMBER: 79170911 MEDLINE
DOCUMENT NUMBER: PubMed ID: 312236
TITLE: Antipyretic activity of SL-573 (II) (author's transl).
AUTHOR: Yanagi Y; Kurokawa H; Nagao Y; Inukai T
SOURCE: Nippon yakurigaku zasshi. Japanese journal of pharmacology,
(1978 Nov) 74 (8) 981-90.
Journal code: 0420550. ISSN: 0015-5691.
PUB. COUNTRY: Japan
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Japanese
FILE SEGMENT: Priority Journals
ENTRY MONTH: 197907
ENTRY DATE: Entered STN: 19900315
Last Updated on STN: 19900315
Entered Medline: 19790725

ED Entered STN: 19900315
Last Updated on STN: 19900315
Entered Medline: 19790725

AB Antipyretic activity of SL-573 was not influenced by age and sex difference in rats. The combined effect of other drugs on antipyretic activity of SL-573 was examined, using several drugs which might be clinically applicable. Cefazolin sodium, ampicillin sodium, codeine phosphate, hydrochlorothiazide and haloperidol did not show any significant effect on antipyretic activity of SL-573. Diazepam itself showed antipyretic activity, and its combined use with SL-573 resulted in an additive effect. SL-573 also showed antipyretic activity in mice with fever induced by yeast, as was seen in rats. SL-573 diminished the hyperthermic response to **bacterial endotoxin** and leucocytic **pyrogen** in rats, but not to **2, 4-dinitrophenol**. Additionally, SL-573 did not inhibit the **bacterial endotoxin-induced production of leucocytic pyrogen** and its release in saline medium. SL-573, therefore, is considered to be a centrally acting antipyretic. Intraventricular injection of prostaglandin E2 and **arachidonic acid** induced a **hyperthermia** in mice. SL-573 clearly inhibited **arachidonic acid-induced hyperthermia**, but not **prostaglandin E2-induced hyperthermia**. Since SL-573 is known to inhibit prostaglandin biosynthesis from **arachidonic acid**, the prostaglandin biosynthesis inhibition may be one of the main mechanisms of antipyretic action of SL-573.

L28 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:98300 CAPLUS
DOCUMENT NUMBER: 132:132356
TITLE: Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use
INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie
PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 149 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy**, and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial**, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia**-inducible immunogenic determinants by using **mitochondrial uncoupling agents**, especially **2,4-dinitrophenol**, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
CONNECT CHARGES	71.41	76.22
NETWORK CHARGES	2.16	2.94
SEARCH CHARGES	253.26	381.53
DISPLAY CHARGES	9.22	10.32
FULL ESTIMATED COST	336.05	471.01
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

IN FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' AT 09:31:21 ON 08 APR 2005

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	336.05	471.01
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

CA SUBSCRIBER PRICE

ENTRY SESSION
-1.46 -1.46

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FILE COVERS 1907 - 8 Apr 2005 VOL 142 ISS 16
FILE LAST UPDATED: 7 Apr 2005 (20050407/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> e bachynsky n/au
E1 3 BACHYNSKY MARIA OKSANA/AU
E2 1 BACHYNSKY MARY P/AU
E3 0 --> BACHYNSKY N/AU
E4 8 BACHYNSKY NICHOLAS/AU
E5 1 BACHZIK C M/AU
E6 1 BACI DJ/AU
E7 1 BACIA A/AU
E8 3 BACIA ANDRZEJ/AU
E9 2 BACIA D/AU
E10 2 BACIA HENRYK/AU
E11 1 BACIA KATARZYNA/AU
E12 8 BACIA KIRSTEN/AU

=> s e4
L29 8 "BACHYNSKY NICHOLAS"/AU

=> e roy w/au
E1 1 ROY VITEK/AU
E2 7 ROY VIVEK/AU
E3 0 --> ROY W/AU
E4 1 ROY W F/AU
E5 1 ROY W G/AU
E6 3 ROY W J/AU
E7 1 ROY W J JR/AU
E8 7 ROY W K/AU
E9 6 ROY W N/AU
E10 39 ROY W R/AU
E11 1 ROY WADEMAR/AU
E12 6 ROY WALDEMAR/AU

=> s e4-e10
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1 "ROY W J JR"/AU
7 "ROY W K"/AU
6 "ROY W N"/AU

L30 39 "ROY W R"/AU
 58 ("ROY W F"/AU OR "ROY W G"/AU OR "ROY W J"/AU OR "ROY W J JR"/AU
 OR "ROY W K"/AU OR "ROY W N"/AU OR "ROY W R"/AU)

=> e roy woodie/au
E1 1 ROY WM R/AU
E2 41 ROY WOLFGANG/AU
E3 1 --> ROY WOODIE/AU
E4 2 ROY XAVIER/AU
E5 6 ROY Y/AU
E6 3 ROY Y ARUN/AU
E7 1 ROY Y B/AU
E8 1 ROY Y DE RAUTLIN DE LA/AU
E9 2 ROY YVES/AU
E10 1 ROY YVON/AU
E11 1 ROYA POOSTI/AU
E12 11 ROYACHKI M/AU

=> s e3
L31 1 "ROY WOODIE"/AU

=> s 129 or 130 or 131
L32 66 L29 OR L30 OR L31

=> s 132 and (hyperthermia?)
12663 HYPERTHERMIA?
L33 1 L32 AND (HYPERTHERMIA?)

=> d 133 ibib ed abs

L33 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:98300 CAPLUS
DOCUMENT NUMBER: 132:132356
TITLE: Chemically induced intracellular hyperthermia
for therapeutic and diagnostic use
INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie
PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000
AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of infections, malignancy, and other medical conditions. A process and composition are provided for the diagnosis or killing of cancer cells and inactivation of susceptible bacterial, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia**-inducible immunogenic determinants by using mitochondrial uncoupling agents, especially 2,4-dinitrophenol, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ENTER L#, L# RANGE, ALL, OR (END):all
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L# LIST L1-L33 HAS BEEN SAVED AS 'L09744622/L'

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FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN

L1 1 S E3
E GLUCAGON/CN
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L9 11 S L3 AND L4
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08 APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC
L18 66733 S L17 OR L11
L19 10670 S L18 AND (L14 OR L15 OR L16)
L20 120 S L19 AND L13
L21 2 S L20 AND L12
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)
L23 0 SSSAVEFDKSEND
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?
L27 812463 S L24 OR L25 OR L26
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005
E BACHYN SKY N/AU

L29 8 S E4

E ROY W/AU
L30 58 S E4-E10
E ROY WOODIE/AU
L31 1 S E3
L32 66 S L29 OR L30 OR L31
L33 1 S L32 AND (HYPERTHERMIA?)
SAVE ALL L09744622/L

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-2.19

=> d his

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FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN

L1 1 S E3
E GLUCAGON/CN
L2 1 S E3

FILE 'CPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L9 11 S L3 AND L4
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC
L18 66733 S L17 OR L11
L19 10670 S L18 AND (L14 OR L15 OR L16)
L20 120 S L19 AND L13
L21 2 S L20 AND L12
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)
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L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?
L27 812463 S L24 OR L25 OR L26
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005
E BACHYN SKY N/AU
L29 8 S E4
E ROY W/AU
L30 58 S E4-E10
E ROY WOODIE/AU
L31 1 S E3
L32 66 S L29 OR L30 OR L31
L33 1 S L32 AND (HYPERTHERMIA?)
SAVE ALL L09744622/L

=> file medline biosis caplus embase wpids
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 23.35 494.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE -0.73 -2.19

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FILE 'BIOSIS' ENTERED AT 09:49:51 ON 08 APR 2005
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FILE 'WPIDS' ENTERED AT 09:49:51 ON 08 APR 2005
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=> s (heat(W)shock(W)protein?) or (stress(W)protein?) or (molecular(W)chaperone?)
4 FILES SEARCHED...
L34 100579 (HEAT(W) SHOCK(W) PROTEIN?) OR (STRESS(W) PROTEIN?) OR (MOLECULA
R(W) CHAPERONE?)

=> s 122 and 134
L35 4 L22 AND L34

=> dup rem 135
PROCESSING COMPLETED FOR L35
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)
ANSWER '1' FROM FILE MEDLINE
ANSWER '2' FROM FILE CAPLUS
ANSWERS '3-4' FROM FILE EMBASE

=> d 136 1-4 ibib ed abs

L36 ANSWER 1 OF 4 MEDLINE on STN
ACCESSION NUMBER: 94350075 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8070544
TITLE: Induction of heat-shock protein
synthesis and thermotolerance in EL-4 ascites tumor
cells by transient ATP depletion after ischemic stress.
AUTHOR: Gabai V L; Kabakov A E
CORPORATE SOURCE: Medical Radiology Research Center, Russian Academy of
Medical Sciences, Obninsk.
SOURCE: Experimental and molecular pathology, (1994 Apr) 60 (2)

88-99.
Journal code: 0370711. ISSN: 0014-4800.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199409
ENTRY DATE: Entered STN: 19941006
Last Updated on STN: 19941006
Entered Medline: 19940929

ED Entered STN: 19941006
Last Updated on STN: 19941006
Entered Medline: 19940929

AB The effect of a short-term energy deprivation (ischemia) on thermoresistance and **heat-shock protein** (HSP) synthesis in murine ascites EL-4 thymoma cells was studied in vitro. The incubation of the cells in glucose-free medium with rotenone (respiratory inhibitor) for 10 min caused rapid ATP depletion (to 9% of the initial level). After recovery, the synthesis of HSP70 and HSP90 was stimulated in the cells and they became greatly more resistant to hyperthermia than the control cells. The simultaneous rotenone and thermal treatment significantly decreased cell viability. The transition of HSP70 to Triton X-100-insoluble cell fraction was found in the ATP-depleted cells as well as in the heat-shocked cells, and 1 mM ATP fully reversed such insolubilization when it was added in Triton extraction buffer. The data obtained reveal that transient ATP depletion per se is sufficient to result in the HSP70 insolubilization, thus being conducive to induction of HSP synthesis and thermotolerance in the cells which recovered after energy deprivation. A novel mechanism of protein aggregation in ATP-deficient cells and a possible role of transient ischemia in development of tumor thermotolerance in vivo are discussed.

L36 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:98300 CAPLUS
DOCUMENT NUMBER: 132:132356
TITLE: Chemically induced intracellular hyperthermia for therapeutic and diagnostic use
INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie
PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.:

US 1998-94286P

P 19980727

WO 1999-US16940

W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy**, and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial, parasitic, fungal, and viral** pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia** -inducible immunogenic determinants by using **mitochondrial uncoupling agents**, especially **2,4-dinitrophenol**, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 4 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN

ACCESSION NUMBER: 1998007283 EMBASE

TITLE: Molecular/cellular biology of the heat stress response and its role in agent-induced teratogenesis.

AUTHOR: Mirkes P.E.

CORPORATE SOURCE: P.E. Mirkes, Birth Defects Research Laboratory, Department of Pediatrics, University of Washington, Box 356320, Seattle, WA 98195, United States. pemst@u.washington.edu

SOURCE: Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, (12 Dec 1997) Vol. 396, No. 1-2, pp. 163-173.

Refs: 90

ISSN: 0027-5107 CODEN: MRFMEC

S.0027-5107(97)00182-6

COUNTRY: Netherlands

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 005 General Pathology and Pathological Anatomy

021 Developmental Biology and Teratology

022 Human Genetics

052 Toxicology

LANGUAGE: English

SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 19980120

Last Updated on STN: 19980120

ED Entered STN: 19980120

Last Updated on STN: 19980120

AB Available data indicate that **heat shock**

proteins act as chaperones under non-stress conditions by assisting in: (1) the folding of newly synthesized proteins, (2) the intracellular translocation of proteins, and (3) the function of other proteins. As we gain additional information concerning cellular physiology, we may find that **heat shock**

proteins play a key role in many additional cellular functions.

When cells experience thermal or chemical stress, **heat**

shock proteins take on a new role, conserved from

bacteria to humans, of protecting cells from the detrimental effects of stress. This latter role takes on added significance for the embryo in which the developmental program must be read linearly, with little opportunity to cycle backward to complete a missed segment of the program. Although circumstantial evidence clearly implicates **heat**

shock proteins in protecting embryos from thermal

stress, definitive evidence is still lacking. The challenge for the

future is to obtain such definitive data. Ideally, such information will

lead to new therapeutic paradigms that will afford protection to the human embryo/fetus exposed to thermal/chemical stress.

L36 ANSWER 4 OF 4 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
ACCESSION NUMBER: 86189834 EMBASE
DOCUMENT NUMBER: 1986189834
TITLE: Chemically induced resistance to heat treatment and
stress protein synthesis in cultured
mammalian cells.
AUTHOR: Haveman J.; Li G.C.; Mak J.Y.; Kipp J.B.A.
CORPORATE SOURCE: Radiotherapy Department, Academisch Medisch Centrum, 1105
AZ Amsterdam, Netherlands
SOURCE: International Journal of Radiation Biology, (1986) Vol. 50,
No. 1, pp. 51-64.
CODEN: IJRBA3
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal
FILE SEGMENT: 014 Radiology
037 Drug Literature Index
029 Clinical Biochemistry
016 Cancer
LANGUAGE: English
ENTRY DATE: Entered STN: 911210
Last Updated on STN: 911210
ED Entered STN: 911210
Last Updated on STN: 911210
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN

L1 1 S E3
E GLUCAGON/CN
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L9 11 S L3 AND L4
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC
L18 66733 S L17 OR L11
L19 10670 S L18 AND (L14 OR L15 OR L16)
L20 120 S L19 AND L13
L21 2 S L20 AND L12
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)
L23 0 SSSAVEFDKSEND
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON

L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?
L27 812463 S L24 OR L25 OR L26
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005
E BACHYNSKY N/AU
L29 8 S E4
E ROY W/AU
L30 58 S E4-E10
E ROY WOODIE/AU
L31 1 S E3
L32 66 S L29 OR L30 OR L31
L33 1 S L32 AND (HYPERTHERMIA?)
SAVE ALL L09744622/L

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:49:51 ON 08
APR 2005
L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA
L35 4 S L22 AND L34
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)

=> d scan 122

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 11G (Biological Chemistry: Pathology)
TI Variations in creatininuria during induced hyperthermia
IT Creatininuria
 (during hyperthermia, variations in)
IT Body temperature
 (high, creatinine excretion during)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 68 (Pharmacodynamics)
TI Pyrogens. XVII. Comparative studies on the hepatic, rectal, and
muscular temperatures measured in normal and liver-injured rabbits
IT Liver
 (fatty liver or steatosis, temperature of liver in)
IT Muscles
 (in liver injury, temperature of)
IT Fever
 (liver injury effect on)
IT Intestines
 (temperature of rectum in liver injury)
IT 51-28-5, Phenol, 2,4-dinitro-
 (body temperature response to, in liver damage)
IT 50-53-3, Phenothiazine, 2-chloro-10-[3-(dimethylamino)propyl]-
 (body temperature response to, in liver injury)
IT 59-97-2, 2-Imidazoline, 2-benzyl-, hydrochloride
 (feaver response to, heart elec. activity and)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 15-8 (Immunochemistry)
TI Immune-mediated fever in the dog. Occurrence of antinuclear antibodies,
rheumatoid factor, tumor necrosis factor and interleukin-6 in
serum
ST immune fever dog antinuclear antibody; rheumatoid factor immune fever dog;
interleukin 6 immune fever dog
IT Canis familiaris
Fever and Hyperthermia
 (antinuclear antibodies, rheumatoid factor, and interleukin-6 in serum

of dogs with immune-mediated fever)
IT Interleukin 6
Rheumatoid factors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(antinuclear antibodies, rheumatoid factor, and interleukin-6 in serum
of dogs with immune-mediated fever)
IT Antibodies and Immunoglobulins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(autoantibodies; antinuclear antibodies, rheumatoid factor, and
interleukin-6 in serum of dogs with immune-mediated fever)
IT Deoxyribonucleoproteins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(immune-mediated fever in dogs in relation to autoantibodies to)
IT Antigens
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(nuclear antigens; immune-mediated fever in dogs in relation to
autoantibodies to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 11G (Biological Chemistry: Pathology)
TI Pyrogens. IV
IT Escherichia coli
(fever from vaccine of)
IT 51-28-5, Phenol, 2,4-dinitro-
(fever from)
IT 9005-25-8, Starch
(fever induced by)
IT 7732-18-5, Water
(potable and industrial, fever induced by unsterile)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 68 (Pharmacodynamics)
TI Effect of reserpine on febrile responses induced by **pyrogenic**
substances
IT Brain
(effect of 3-(3,4-dihydroxyphenyl)alanine, 5-hydroxytryptophan,
 β -phenylisopropylhydrazine and reserpine on elec. activity of)
IT Body temperature
Fever
(reserpine effect on)
IT 51-28-5, Phenol, 2,4-dinitro-
(body temperature response to, reserpine effect on)
IT 55-52-7, Hydrazine, (α -methylphenethyl)- 63-84-3, Alanine,
3-(3,4-dihydroxyphenyl)-
(brain elec. activity response to)
IT 50-55-5, Reserpine 56-69-9, Tryptophan, 5-hydroxy-
(brain response to)
IT 50-55-5, Reserpine
(fever response to)
IT 55-52-7, Hydrazine, (α -methylphenethyl)-
(in body temperature response, by **pyrogens** and reserpine)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 14-1 (Mammalian Pathological Biochemistry)
TI Influence of the fever on the methylcholanthrene carcinogenesis in rats.
II. Changes after a single induction with different doses 2,
4-dinitrophenol before and after appearance of the
tumors

ST therapeutic fever **tumor** carcinogenesis proliferation inhibition
IT Cell proliferation
(inhibition; therapeutic fever by 2,4-dinitrophenol before and after appearance of **tumors** effect on methylcholanthrene carcinogenesis in rats)
IT Hyperthermia (therapeutic)
Neoplasm
(therapeutic fever by 2,4-dinitrophenol before and after appearance of **tumors** effect on methylcholanthrene carcinogenesis in rats)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)::.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 11G (Biological Chemistry: Pathology)
TI Changes in the organic phosphate metabolism of the liver in overheating and in experimental fever
IT Fever
(phosphorus metabolism by liver in)
IT Liver
(phosphorus metabolism by, in fever)
IT 7723-14-0, Phosphorus
(in liver, in fever)
IT 7723-14-0, Phosphorus
(metabolism of, by liver)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)::.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 68 (Pharmacodynamics)
TI Differentiation of hyperthermic agents by comparison of their activity in relation to doses
IT Fever
(-producing substances, evaluation of)
IT Body temperature
(agents affecting, evaluation of)
IT 50-37-3, Lysergamide, N,N-diethyl- 51-28-5, Phenol, 2,4-dinitro-2954-50-9, 2-Naphthylamine, 1,2,3,4-tetrahydro-(body temperature response to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)::.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
IC ICM A61K031-06
CC 1-12 (Pharmacology)
Section cross-reference(s): 9, 63
TI Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use
ST intracellular **hyperthermia** mitochondria uncoupler diagnosis therapy; dinitrophenol intracellular **hyperthermia** diagnosis therapy; cancer infection diagnosis therapy intracellular **hyperthermia**; antitumor antiinfective intracellular **hyperthermia** mitochondria uncoupler
IT Hepatitis
(C; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)
IT Imaging
(IR; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)
IT Lichen
(acids; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)
IT Antitumor agents

(adenocarcinoma; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Cell cycle
(agents specific for; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics
(aminoglycoside; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Artery
(angioplasty; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Peptides, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antibiotic; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Macrolides
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antibiotics; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibodies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antiviral; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Infection
(bacterial; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Mammary gland
(carcinoma; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Alkylating agents, biological
Anti-infective agents
Anti-ischemic agents
Antibacterial agents
Antitumor agents
Antiviral agents
Combinatorial chemistry
Combinatorial library
Cyanine dyes
Diagnosis
Echinococcus multilocularis
Fungicides
Human immunodeficiency virus
Hyperthermia (therapeutic)
Infection
Lyme disease
Neoplasm
Parasiticides
Positron-emission tomography
Radiotherapy
Surgery
(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Cytokines
Histones
Interleukin 1
Interleukin 10
Interleukin 2
Interleukin 4

Leukotrienes
Nucleoside analogs
Oligosaccharides, biological studies
Polyenes
Polyethers, biological studies
Prostaglandins
Sulfonamides
Tetracyclines
Thromboxanes
Thyroid hormones
 Tumor necrosis factors
Ubiquinones
Uncoupling protein
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Heat-shock proteins
Radicals, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 (chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Alcohols, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (fluoro; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Neuroglia
 (glioma; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Hormones, animal, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (hormone agonists; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibodies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (humanized, to HER-2/neu; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Liver, disease
 (hydatid; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fungi
Parasite
 (infection; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics
Ionophores
 (ionophorous antibiotic uncouplers; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Drug delivery systems
 (liposomes; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics
 (macrolide; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Metabolism
(metabolic rate; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Mitochondria
(**mitochondrial uncoupling agents**; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT neu (receptor)
RL: BSU (Biological study, unclassified); BIOL (Biological study) (monoclonal humanized antibodies to; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibodies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monoclonal, to HER-2/neu; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fatty acids, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monounsatd.; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Prostate gland
Prostate gland
(**neoplasm**, inhibitors; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Alkaloids, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(podophyllin and plant; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fatty acids, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(polyunsatd.; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antitumor agents
(prostate gland; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Drugs
(sulfa drugs; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Drug interactions
(synergistic; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Animal tissue
(target tissue metabolic rate; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fatty acids, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(unsatd.; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Infection
(viral; chemical induced intracellular **hyperthermia** for

diagnostic and therapeutic use, and use with other agents)

IT Interferons
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(α -2a; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(α -2b; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(α ; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Lactams
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(β -, antibiotics; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics
(β -lactam; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(β ; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(γ ; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 9034-40-6, Luteinizing hormone-releasing factor
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(agonists; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 50-18-0 50-49-7 50-65-7 50-76-0, Actinomycin D 51-21-8 51-28-5,
biological studies 51-28-5D, derivs. and conjugates 51-48-9,
biological studies 51-75-2 52-24-4 53-03-2 53-79-2 54-42-2
55-98-1 56-53-1 56-75-7 56-85-9, L-Glutamine, biological studies
57-22-7 57-62-5 57-63-6 57-92-1, biological studies 58-22-0
58-27-5 59-05-2D, analogs 59-87-0 60-33-3, 9,12-Octadecadienoic acid
(9Z,12Z)-, biological studies 60-54-8D, derivs. 61-32-5 61-33-6,
biological studies 61-68-7 61-73-4 63-74-1 63-74-1D, derivs.
65-49-6 66-79-5 67-20-9 67-45-8 68-35-9 68-81-5 70-00-8
72-14-0 74-81-7, biological studies 76-43-7 79-43-6D, nitrobenzene
derivs 79-57-2 87-86-5 91-40-7 92-82-0D, Phenazine, derivs.
97-18-7 100-02-7, biological studies 102-82-9 103-82-2D,
Benzeneacetic acid, derivs. 112-80-1, 9-Octadecenoic acid (9Z)-,
biological studies 112-86-7 114-07-8, Erythromycin 116-44-9
125-84-8 126-07-8 127-33-3 147-85-3, L-Proline, biological studies
147-94-4 148-79-8 148-82-3 154-21-2 154-42-7 154-93-8 299-11-6
302-79-4, Retinoic acid 305-03-3 320-67-2 370-86-5 389-08-2
439-14-5 443-48-1 459-86-9 463-40-1 479-20-9 484-49-1 506-26-3
506-32-1 518-28-5 519-23-3 520-85-4 521-52-8 527-17-3
529-37-3D, 4(1H)-Quinolinone, derivs. 530-78-9 531-82-8 548-62-9

555-60-2 564-25-0 593-38-4 595-33-5 606-06-4 630-56-8 637-07-0
 671-16-9 727-81-1 754-91-6 768-94-5, Tricyclo[3.3.1.13,7]decan-1-
 amine 804-36-4 865-21-4, Vincaleukoblastine 914-00-1 956-48-9
 960-71-4 1041-01-6 1066-17-7, Colistin 1151-51-5 1392-21-8,
 Leucomycin 1397-89-3, Amphotericin B 1400-61-9, Nystatin 1402-38-6,
 Actinomycin 1402-82-0, Amphomycin 1403-17-4, Candicidin 1403-66-3,
 Gentamicin 1404-04-2, Neomycin 1404-88-2, Tyrothricin 1405-87-4,
 Bacitracin 1405-97-6, Gramicidin 1406-05-9, Penicillin 1406-11-7,
 Polymyxin 1689-83-4 1960-88-9 2001-95-8, Valinomycin 2022-85-7
 2030-63-9 2034-22-2 2338-10-5 2338-11-6 2338-12-7 2338-29-6
 2520-21-0 3056-17-5 3511-16-8 3778-73-2 4151-50-2 4342-03-4
 4428-95-9 4543-33-3 5331-91-9 5536-17-4 6217-54-5 6236-05-1
 6893-02-3 7283-41-2 7440-43-9, Cadmium, biological studies
 7440-70-2, Calcium, biological studies 7481-89-2 7562-61-0
 8011-61-8, Tyrocidine 8052-16-2, Actinomycin C 9007-92-5, Glucagon,
 biological studies 10118-90-8 10417-94-4 10461-11-7 10537-47-0
 11000-17-2, Vasopressin 11003-38-6, Capreomycin 11006-76-1,
 Virginiamycin 11006-78-3, Stendomycin 11017-50-8, Suzukacillin
 11029-61-1, Gramicidin A 11056-06-7, Bleomycin 11111-23-2, Lividomycin
 11115-82-5, Enduracidin 12633-72-6, Amphotericin 12692-85-2,
 Antiamebin 13010-47-4 13278-36-9 13311-84-7 13392-28-4
 13799-49-0 13799-49-0D, isomers 13909-09-6 13925-12-7 14459-29-1
 14698-29-4 15663-27-1 16128-96-4 17090-79-8, Monensin 17650-86-1
 17924-92-4 18323-44-9 19246-70-9 19562-30-2 19721-56-3
 20559-55-1 22494-42-4 22662-39-1 22916-47-8 25104-18-1
 25546-65-0 26097-80-3 26655-39-0 26786-84-5 26787-78-0
 27061-78-5, Alamethicin 27138-57-4D, lactone, derivs. 27194-24-7D,
 derivs. 27314-97-2 27693-70-5 28380-24-7, Nigericin 29767-20-2
 30042-37-6 30516-87-1 31441-78-8, Purinethiol 32986-56-4
 33069-62-4 33354-58-4 33419-42-0 34368-04-2 36791-04-5
 36877-68-6D, derivs. 37231-28-0, Melittin 37517-28-5 38000-06-5
 38640-92-5 40451-44-3 41575-94-4 45285-51-6 50892-23-4
 51940-44-4 52214-84-3 53024-98-9, Everninomicin 53714-56-0
 54965-21-8 55486-00-5 56219-57-9 59277-89-3 60842-45-7, Desaspidin
 60976-67-2, Gramicidin J 61477-96-1 62362-59-8 63939-09-3, Curamycin
 65277-42-1

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 65454-19-5, Trichotoxin 68786-66-3 69655-05-6 72301-79-2
 74011-58-8 74722-67-1 80738-43-8D, Lincosamide, derivs. 80802-79-5,
 Cecropin (antibacterial peptide) 81627-83-0, Colony-stimulating factor 1
 82410-32-0 82419-36-1 83150-76-9 83869-56-1, Colony-stimulating
 factor 2 84625-61-6 85721-33-1 86386-73-4 89107-47-1, Hypelcin
 91156-71-7 95233-18-4 100292-37-3, Zervamicin 113041-69-3, Magainin
 115717-83-4 121007-17-8 127779-20-8 128470-16-6 134678-17-4
 136470-78-5 145781-92-6 148159-85-7, Saturnisporin SA IV 150378-17-9
 154598-52-4 155213-67-5 159989-64-7 161814-49-9 171980-70-4,
 Trichorzin HA V 256932-84-0 256932-84-0D, sulfoxide and sulfone
 metabolites 256932-85-1 256932-86-2 256932-87-3 256932-88-4
 256932-89-5

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 9001-92-7, Proteinase 9039-48-9, Aromatase
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (inhibitors; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)
 IT 29656-58-4D, derivs.
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(lichen acids; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 122 and (antibiotic? or antibacterial? or antifungal?)
L37 1 L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

=> d 137

L37 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2000:98300 CAPLUS
DN 132:132356
TI Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use
IN Bachynsky, Nicholas; Roy, Woodie
PA Texas Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006143	A1	20000210	WO 1999-US16940	19990727
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2337690	AA	20000210	CA 1999-2337690	19990727
	AU 9951318	A1	20000221	AU 1999-51318	19990727
	AU 750313	B2	20020718		
	EP 1098641	A1	20010516	EP 1999-935949	19990727
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1998-94286P	P	19980727		
	WO 1999-US16940	W	19990727		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
CONNECT CHARGES	13.00	90.78
NETWORK CHARGES	0.60	3.78
SEARCH CHARGES	18.90	419.33
DISPLAY CHARGES	9.67	22.64
FULL ESTIMATED COST	42.17	536.53
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-2.92

IN FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' AT 09:55:52 ON 08 APR 2005

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN

L1 1 S E3
E GLUCAGON/CN
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L9 11 S L3 AND L4
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC
L18 66733 S L17 OR L11
L19 10670 S L18 AND (L14 OR L15 OR L16)
L20 120 S L19 AND L13
L21 .2 S L20 AND L12
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)
L23 0 SSSAVEFDKSEND
L24 591960 S ARBITAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?
L27 812463 S L24 OR L25 OR L26
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYNISKY N/AU
L29 8 S E4
E ROY W/AU
L30 58 S E4-E10
E ROY WOODIE/AU
L31 1 S E3
L32 66 S L29 OR L30 OR L31
L33 1 S L32 AND (HYPERTHERMIA?)
SAVE ALL L09744622/L

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:49:51 ON 08
APR 2005

L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA
L35 4 S L22 AND L34
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)
L37 1 S L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

=> file stnguide

COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
43.40	537.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-2.92

FILE 'STNGUIDE' ENTERED AT 09:56:36 ON 08 APR 2005
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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Apr 1, 2005 (20050401/UP).

=> file medline biosis caplus embase wpids		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	537.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.92

FILE 'MEDLINE' ENTERED AT 09:57:13 ON 08 APR 2005

FILE 'BIOSIS' ENTERED AT 09:57:13 ON 08 APR 2005
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FILE 'CAPLUS' ENTERED AT 09:57:13 ON 08 APR 2005
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'WPIDS' ENTERED AT 09:57:13 ON 08 APR 2005
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=> s l22 and aminoglycoside? or macrolide? or polyene? or nitroimidazole? or penicillin? or tetracyclin? or amphotericin? or neomycin? or polymyxin? or sulfonamide?

L38 539253 L22 AND AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIMIDAZOLE? OR PENICILLIN? OR TETRACYCLIN? OR AMPHOTERICIN? OR NEOMYCIN? OR POLYMYXIN? OR SULFONAMIDE?

=> s l22 and (aminoglycoside? or macrolide? or polyene? or nitroimidazole? or penicillin? or tetracyclin? or amphotericin? or neomycin? or polymyxin? or sulfonamide?)

L39 5 L22 AND (AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIMIDAZOLE? OR PENICILLIN? OR TETRACYCLIN? OR AMPHOTERICIN? OR NEOMYCIN? OR POLYMYXIN? OR SULFONAMIDE?)

=> dup rem 139

PROCESSING COMPLETED FOR L39

L40 5 DUP REM L39 (0 DUPLICATES REMOVED)
 ANSWER '1' FROM FILE MEDLINE
 ANSWERS '2-3' FROM FILE CAPLUS
 ANSWERS '4-5' FROM FILE EMBASE

=> d 140 1-5 ibib ed abs

L40 ANSWER 1 OF 5 MEDLINE on STN
 ACCESSION NUMBER: 72055269 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 4108159

TITLE: Role of leucocytes in fever.
 AUTHOR: Atkins E; Bodel P T
 SOURCE: Ciba Foundation symposium, (1971) 81-100. Ref: 39
 Journal code: 0356636. ISSN: 0300-5208.
 PUB. COUNTRY: Netherlands
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 197202
 ENTRY DATE: Entered STN: 19900310
 Last Updated on STN: 19900310
 Entered Medline: 19720214

ED Entered STN: 19900310
 Last Updated on STN: 19900310
 Entered Medline: 19720214

L40 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:545502 CAPLUS
 DOCUMENT NUMBER: 135:117219
 TITLE: Haptens-coagulation agent-antineoplastic agent combinations for treating **neoplasms**
 INVENTOR(S): Yu, Baofa
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 83 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001052868	A1	20010726	WO 2001-US1737	20010118
WO 2001052868	C2	20030116		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002044919	A1	20020418	US 2001-765060	20010117
US 6811788	B2	20041102		
CA 2397598	AA	20010726	CA 2001-2397598	20010118
JP 2004505009	T2	20040219	JP 2001-552915	20010118
PRIORITY APPLN. INFO.:			US 2000-177024P	P 20000119
			WO 2001-US1737	W 20010118

ED Entered STN: 27 Jul 2001
 AB Methods are provided for treating **neoplasms, tumors** and **cancers**, using one or more haptens and coagulation agents or treatments, alone or in combination with other anti-**neoplastic** agents or treatments. Also provided are combinations, and kits containing the combinations for effecting the therapy.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:98300 CAPLUS
 DOCUMENT NUMBER: 132:132356
 TITLE: Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use

INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie
 PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 149 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000
 AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular hyperthermia and/or free radicals for the diagnosis and treatment of infections, malignancy, and other medical conditions. A process and composition are provided for the diagnosis or killing of cancer cells and inactivation of susceptible bacterial, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or hyperthermia -inducible immunogenic determinants by using mitochondrial uncoupling agents, especially 2,4-dinitrophenol, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 4 OF 5 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN

ACCESSION NUMBER: 85093739 EMBASE
 DOCUMENT NUMBER: 1985093739
 TITLE: Drug-related heatstroke.
 AUTHOR: Clark W.G.; Lipton J.M.
 CORPORATE SOURCE: Department of Pharmacology, The University of Texas Health Science Center at Dallas, Dallas, TX 75235, United States
 SOURCE: Pharmacology and Therapeutics, (1984) Vol. 26, No. 3, pp. 345-388.
 CODEN: PHTHDT
 COUNTRY: United Kingdom
 DOCUMENT TYPE: Journal
 FILE SEGMENT: 037 Drug Literature Index
 038 Adverse Reactions Titles
 030 Pharmacology
 008 Neurology and Neurosurgery
 024 Anesthesiology
 032 Psychiatry
 LANGUAGE: English

ENTRY DATE: Entered STN: 911210
 Last Updated on STN: 911210
ED Entered STN: 911210
 Last Updated on STN: 911210
 DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

L40 ANSWER 5 OF 5 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN

ACCESSION NUMBER: 82214678 EMBASE
DOCUMENT NUMBER: 1982214678
TITLE: Hyperthermia in cancer therapy.
AUTHOR: Mochizuki A.; Saito M.
CORPORATE SOURCE: Japan
SOURCE: Japanese Journal of Medical Electronics and Biological
Engineering, (1982) Vol. 20, No. 2, pp. 65-72.
CODEN: IYSEAK

COUNTRY: Japan
DOCUMENT TYPE: Journal
FILE SEGMENT: 037 Drug Literature Index
 027 Biophysics, Bioengineering and Medical
 Instrumentation
 016 Cancer
 014 Radiology

LANGUAGE: Japanese
ENTRY DATE: Entered STN: 911209
 Last Updated on STN: 911209
ED Entered STN: 911209
 Last Updated on STN: 911209
 DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN

L1 1 S E3
 E GLUCAGON/CN
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L9 11 S L3 AND L4
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC
L18 66733 S L17 OR L11
L19 10670 S L18 AND (L14 OR L15 OR L16)
L20 120 S L19 AND L13
L21 2 S L20 AND L12

L22 87 DUP REM L20 (33 DUPLICATES REMOVED)
L23 0 SSSAVEFDKSEND
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?
L27 812463 S L24 OR L25 OR L26
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005
E BACHYN SKY N/AU
L29 8 S E4
E ROY W/AU
L30 58 S E4-E10
E ROY WOODIE/AU
L31 1 S E3
L32 66 S L29 OR L30 OR L31
L33 1 S L32 AND (HYPERTHERMIA?)
SAVE ALL L09744622/L

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:49:51 ON 08
APR 2005
L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA
L35 4 S L22 AND L34
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)
L37 1 S L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

FILE 'STNGUIDE' ENTERED AT 09:56:36 ON 08 APR 2005

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:57:13 ON 08
APR 2005
L38 539253 S L22 AND AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIMI
L39 5 S L22 AND (AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIM
L40 5 DUP REM L39 (0 DUPLICATES REMOVED)

=> save
ENTER L#, L# RANGE, ALL, OR (END):all
ENTER NAME OR (END):109744622/1

'L09744622/L' IN USE
A single name cannot be used for two saved items at the same time.
Enter "Y" if you wish to replace the current saved name with a new
definition. Enter "N" if the current saved definition must be
preserved. You may then reenter the SAVE command with a different
saved name. Enter "DISPLAY SAVED" at an arrow prompt (=>) to see a
list of your currently defined saved names.

REPLACE OLD DEFINITION? Y/(N):y
L# LIST L1-L40 HAS BEEN SAVED AS 'L09744622/L'

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005
E 2,4-DINITROPHENOL/CN
L1 1 S E3
E GLUCAGON/CN
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005
L3 8120 S L1
L4 16255 S L2
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

L9 11 S L3 AND L4
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIÄ?) OR PYR
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC
L18 66733 S L17 OR L11
L19 10670 S L18 AND (L14 OR L15 OR L16)
L20 120 S L19 AND L13
L21 2 S L20 AND L12
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)
L23 0 SSSAVEFDKSEND
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?
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FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYN SKY N/AU

L29 8 S E4
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L31 1 S E3
L32 66 S L29 OR L30 OR L31
L33 1 S L32 AND (HYPERTHERMIA?)
SAVE ALL L09744622/L

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APR 2005

L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA
L35 4 S L22 AND L34
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)
L37 1 S L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

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L39 5 S L22 AND (AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIM
L40 5 DUP REM L39 (0 DUPLICATES REMOVED)
SAVE ALL L09744622/L